

COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
100 SUNRISE BLVD., SUITE B COLUSA, CA 95932
Phone (530) 458-2931
FAX (530) 458-2765

6/1036

CALFED BAY-DELTA ECOSYSTEM RESTORATION PROJECT PROPOSAL

TITLE: UPPER LITTLE STONY CREEK WATERSHED STEWARDSHIP PROJECT


APPLICANT: COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
ADDRESS: 100 SUNRISE BLVD., SUITE B
COLUSA, CA 95932
TELEPHONE: (530)458-2931 EXT. 3
FAX: (530)458-2765

AMOUNT OF
FUNDING REQUESTED: \$365,000 FOR THREE YEARS

TOPIC: WATERSHED PLANNING/IMPLEMENTATION
GEOGRAPHIC AREA: SACRAMENTO TRIBUTARY
PRIMARY SPECIES: MIGRATORY BIRDS
TYPE OF APPLICANT: LOCAL GOVERNMENT/DISTRICT
TYPE OF PROJECT: IMPLEMENTATION

**BY SIGNING BELOW THE COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
DECLARES THE FOLLOWING:**

- (1) THE TRUTHFULNESS OF ALL REPRESENTATIONS IN THEIR PROPOSAL;
- (2) THE INDIVIDUAL SIGNING THE FORM IS ENTITLED TO SUBMIT THE APPLICATION ON BEHALF OF THE APPLICANT; AND
- (3) THE PERSON SUBMITTING THE APPLICATION HAS READ AND UNDERSTOOD THE CONFLICT OF INTEREST AND CONFIDENTIALITY DISCUSSION IN THE PSP (SECTION II.K) AND WAIVES ANY AND ALL RIGHTS TO PRIVACY AND CONFIDENTIALITY OF THE PROPOSAL ON BEHALF OF THE APPLICANT, TO THE EXTENT AS PROVIDED IN THE SECTION.


BRANDON ASH, PRESIDENT
COLUSA COUNTY RCD

July 2, 1998
DATE

**COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
CALFED BAY-DELTA PROJECT PROPOSAL**

EXECUTIVE SUMMARY/INQUIRY SUBMITTAL FORMAT

a. **PROJECT TITLE & APPLICANT NAME:** Upper Little Stony Creek Watershed Stewardship Project
Colusa Resource Conservation District

b. **PROJECT DESCRIPTION & PRIMARY BIOLOGICAL/ECOLOGICAL OBJECTIVES:**

This project is designed to improve, restore and maintain the Upper Little Stony Creek (ULSC) Watershed through a holistic watershed stewardship approach. This project addresses eight problem areas within the creek, adjacent to Goat Mountain Road. By protecting key areas of the streambank, further erosion will be reduced along with sediment load deposited in the creek during heavy flows. This can be obtained by removing previously imported rocks from the creek channel, using some of the larger boulders for streambank protection, and using bio-engineering vegetative practices to stabilize critical areas. In addition, this project would implement fuel management practices to prevent occurrence of catastrophic wildfire and its destruction to the watershed, including migratory bird habitat and further erosion. The ULSC Watershed Stewardship project also incorporates a two part education curriculum that takes advantage of the "Adopt-A-Watershed" program and the "Salmon and Trout Go To School" Program approach to hands on learning. Education of watershed stewardship is the first step toward maintaining long-term watershed health. Issues addressed will be wildlife population enhancement and water quality improvement within the watershed.

c. **APPROACH/TASKS/SCHEDULE:**

The Colusa County Resource Conservation District (CRCD) is the lead agency for the proposed Upper Little Stony Creek Watershed Stewardship Project. The CRCD has an MOU with the USDA and with the Natural Resources Conservation Service (NRCS) and will employ a Technician to assist the NRCS Project Manager with the implementation of this program. Via the MOUs the NRCS will act as staff to assist with implementation, and will provide staff to assist with all phases of the project. The CRCD will have the role of overseeing the project and to provide public participation. The project is scheduled to begin November 1, 1998 and end October 31, 2001.

Project Task/Activity	Start Date	Completion Date
Task 1: Project Administration	November 1998	October 2001
Task 2: Stream Bank Stabilization	April 1998	October 2001
Task 3: Fuel Hazard Reduction	April 1999	October 2001
Task 4: Conservation Education	January 1999	October 2001
Task 5: Water Quality Monitoring	November 1998	October 2001

d. **JUSTIFICATION FOR PROJECT AND FUNDING BY CALFED:**

The ULSC Watershed is an upper watershed tributary of the Sacramento River. Huge rocks were displaced into Upper Little Stony Creek during the construction of Goat Mountain Road. These rocks along with imported non-native material impede the water flow within the creek causing severe erosion and sedimentation. In addition there is a significant threat of catastrophic wildfire within the Upper Little Stony Creek Watershed do to lack of control burning and understory fuel buildup. The native fish population is severely threatened along with the migratory bird habitat. Sediment pollution from streambank erosion has negatively impacted water quality. Lastly, a stewardship project could not be complete without education to ensure conservation measures taken today will remain effective for long-term benefits.

**COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
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e. BUDGET COSTS AND THIRD PARTY IMPACTS:

Task/Activity	Cost	CALFED Contribution	Description
Personnel	\$60,000	\$40,000	Project Administration, Part-time District Technician
Streambank Stabilization			
a. Construction	\$140,000	\$110,000	Channel Enhancement, bank protection
b. Professional Services	\$30,000	\$30,000	Consultation and Engineering
Fuel Hazard Reduction	\$326,000	\$163,000	Control burning
Education			
a. Property Acquisition	\$6,000	\$6,000	Trout rearing aquarium/chiller, Adopt-A-Watershed material
b. Operation Expenses	\$3,000	\$3,000	Copies, telephone, office supplies, mailings, travel
Monitoring	\$13,000	\$13,000	Supplies, Lab Fees
TOTAL	\$578,000	\$365,000	

Third party impact would include; improved quality and quantity of the domestic water source for Century Ranch Subdivision, streambank improvements would increase the stability of portions of Goat Mountain Road adjacent to the creek and sparing natural resources from being disturbed during road repairs due to high water damage. Recreational fishing would improve within Upper Little Stony Creek.

f. APPLICANT QUALIFICATIONS:

The CRCD consists of 7 volunteer directors and 1 part-time District Technician (proposed), a part-time Office Manager. In addition to the CRCD providing a part-time District Technician, NRCS will provide the RCD with a Project Manager, Ag. Engineer and other staff as needed. The Colusa Public Works Department will provide a Civil Engineer to assist with the survey and design of stream bank stabilization projects.

g. MONITORING AND DATA EVALUATION:

The monitoring program will compare quantity and/or quality of soil and water that is entering the site, to soil and water leaving the site, with the objective of improving water quality via streambank and channel improvements. Baseline samples will be taken upstream and downstream from the stabilization work. The monitoring parameters to be studied are soil erosion, sedimentation, infiltration and runoff. Monitoring will continue through-out the project time frame. Evaluations of water samples will be completed at a certified lab.

The Maxwell Unified School District students will assist in monitoring the water quality within the project area as specified in the "Adopt-A-Watershed" curriculum.

h. LOCAL SUPPORT/COORDINATION/COMPATIBILITY WITH CALFED OBJECTIVES:

The approach used meets the ULSC Watershed Stewardship Project goals as established in the existing Upper Little Stony Creek Coordinated Resource Management Plan (CRMP). The ULSC CRMP was developed to maintain, protect and improve resources within the watershed while encouraging a cooperative between agencies and landowners. Cooperators signing onto the CRMP include; the CRCD, NRCS, Upper Little Stony Inholders Alliance, Mendocino National Forest, Colusa County Board of Supervisors, California Department of Fish and Game, Colusa County Air Pollution Control District and the California Dept. of Forestry and Fire Protection. In addition to the CRMP Coordinators, Colusa County Department of Public Works and Maxwell Unified School District will be involved with this project. (see attached letters of support from Colusa County Public Works, Maxwell Unified School District and Mendocino National Forest)

**COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
CALFED BAY-DELTA PROJECT PROPOSAL**

III. TITLE PAGE

- a. **TITLE OF PROJECT:** Upper Little Stony Creek Watershed Stewardship Project
- b. **NAME OF APPLICANT:** Colusa County Resource Conservation District
PRINCIPLE INVESTIGATOR: Jim Snyder, Project Manager
ADDRESS: 100 Sunrise Blvd., Suite B
PHONE: 530-458-2931 ext. 3 **FAX:** 530-458-2765
ORGANIZATIONAL AFFILIATION: Jim Snyder is a USDA Natural Resources Conservation Service employee provided to the Colusa Resource Conservation District to serve as project manager.
- c. **TYPE OF ORGANIZATION:** Government Agency
TAX STATUS: Tax-exempt
- d. **TAX ID. NUMBER:** 94-6000508
- e. **PARTICIPANTS/COLLABORATORS IN IMPLEMENTATION:**

Colusa County Resource Conservation District
USDA Natural Resources Conservation Service
Colusa County Dept. of Public Works
Upper Little Stony Inholders Alliance
Mendocino National Forest
Maxwell Unified School District
CA Department of Fish and Game

COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
CALFED BAY-DELTA PROJECT PROPOSAL

IV. PROJECT DESCRIPTION

a. PROJECT DESCRIPTION AND APPROACH:

The ULSC Watershed Stewardship project involves multiple tasks that will improve and conserve resources in the Upper Little Stony Creek Watershed.

Streambank Stabilization: This component addresses eight problem areas within Little Stony Creek, adjacent to Goat Mountain Road. By protecting key areas of the streambank, future erosion will be reduced along with sediment load deposited in the creek during heavy flows. This can be obtained by removing previously imported rocks from the creek channel, using some of the larger boulders for streambank protection, and using bio engineering vegetative practices to stabilize critical areas. The removal of imported non-native material in the creek bed channel will assist restoration of natural waterflow.

Fuel Management: The primary objective of fuel management is to reduce the risk of catastrophic wildfire and its adverse impacts on resources, including watershed health. The project will reduce roadside fuel hazards along Goat Mountain Road. This goal will be obtained by brush burning, underburning in timber and creation of fuel break systems. The burning will be accomplished using helitorch ignition in the brush fields, and hand ignition in the forested areas.

Education: The Maxwell Unified School District will participate in the National "Adopt-A-Watershed" project. This curriculum is designed for hands on participation in conservation practices including monitoring. Students study the ULSC Watershed ecosystem, habitat and perform field studies to learn more about water quality. This program builds a sense of community and educates a new generation of environmental stewards to restore the integrity of watersheds.

The Maxwell Unified School District will participate in the California Department of Fish and Game's "Salmon and Trout Go To School" Program. In this program, native fish are captured in Little Stony Creek, propagated in the hatcheries, next the eggs are incubated and reared in the classroom and finally the fry are released back into Little Stony Creek by the students. This method insures replenishing and preserving the genetic gene pool of Little Stony Creek.

b. PROPOSED SCOPE OF WORK:

TASK 1: PROJECT MANAGEMENT AND ADMINISTRATION

The Colusa County Resource Conservation District (CRCD) is the lead agency for the proposed Upper Little Stony Creek Watershed Stewardship Project. CRCD has an MOU with the USDA and with the Natural Resources Conservation Service (NRCS). Via the MOUs the NRCS will act as staff to assist with the implementation, and will provide part-time staff to assist with all phases of the project.

The CRCD consists of 7 volunteer directors and 1 paid staff position, a part-time secretary. In addition to the RCD providing a part-time District Technician, NRCS will provide the RCD with a Project Manager, and other staff as needed. The RCD Office Manager will provide administrative support, and an NRCS Planner will work in the field with the landowners to develop Resource Management System plans, collect baseline data, and monitor implementation. The CRCD shall be responsible for providing technical and administrative services as needed for project completion including but not limited to: staff resources for monitoring, supervising, and reviewing all work performed; coordination of budgeting, scheduling, and subcontract administration. The Project Manager will develop a Plan of Operations, scheduling tasks to be completed, projected completion dates and who will be responsible for each task.

The project manager will be responsible for evaluating and managing the project performance. The project manager will attend the CRCD meetings on a regular basis. At the meetings the manager will present a written

COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
CALFED BAY-DELTA PROJECT PROPOSAL

progress report. The project manager shall prepare and submit written quarterly progress reports to the CALFED BAY-DELTA PROGRAM.

The project manager will prepare a draft project report which will present the results of the task completed. The project manager will evaluate and prepare responses to all comments made by public agencies, special districts and interested parties on the draft report. All significant comments will be incorporated into the final report. Upon the CRCDD approval, the final report will be sent to the CALFED Contract Manager for review and acceptance as well as other appropriate agencies.

TASK 2: IMPLEMENT STREAMBANK STABILIZATION PROJECT

In cooperation with the Colusa County Public Works Department (CPWD), the project manager will coordinate the appropriate staff to implement streambank stabilization structures along channels of Little Stony Creek. The CPWD will conduct feasibility studies and the design plans for proposed creek sites. The work shall consist of furnishing material and implementing stabilization structures along the creek. Practice designs and specifications will be documented and agreed upon prior to construction. After installation, the practices will be inspected.

TASK 3: IMPLEMENT FUEL HAZARD REDUCTION PROJECT

In cooperation with the Mendocino National Forest (MNF), after completion of required environmental analysis, the project manager will coordinate the appropriate staff to implement the Fuel Hazard Reduction Project. Task shall include: brush burning to reduce fuel continuity and loading, and underburning in timber to reduce ground and ladder fuels. In addition, the MNF is proposing to create a system of fuel breaks on Trough Spring Ridge and associated ridges within the watershed approximately 9 miles southwest of the Colusa County community of Stonyford.

TASK 4: CONSERVATION EDUCATION

In cooperation with the Maxwell Unified School District the Adopt-A-Watershed science curriculum will be purchased and implemented. The students will use the ULSC Watershed as a living laboratory to engage in hands-on activities. The first year of the project would be focused on Streamside Communities and Water Quality. The second and third year of the project would expand to all grade levels, purchasing additional curriculum kits for each age group. The project calls for the Gifted and Talented After School Program to visit the watershed area and take part in numerous monitoring projects outlined in the Adopt-A-Watershed program.

The Maxwell Unified School District will also participate with the California Department of Fish and Game "Salmon and Trout Go to School Program". This program allows the students to assist the Fish and Game in capturing native fish in Little Stony Creek to be propagated in the hatcheries, incubated in the classroom and then released back into the creek. This method insures replenishing the population while preserving the genetic gene pool within Little Stony.

TASK 5: WATER QUALITY MONITORING

The project manager will develop a monitoring protocol which will include: description of pollutants being monitored, sampling methods to be conducted for the landuse type, sampling schedules, field data sheets to be used by staff, location where samples will be sent for analysis, method of storing and transporting samples, breakdown of equipment needed for monitoring, and all associated costs. The project manager and planner will select locations for monitoring stations. A minimum of two stations will be established (upstream and downstream) to monitor water quality

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c. LOCATION AND/OR GEOGRAPHIC BOUNDARIES OF THE PROJECT

The Upper Little Stony Creek Watershed is located approximately ten miles southwest of Stonyford, in western Colusa County, California on the western flank of the Sacramento River basin (see map). The watershed ranges in elevation from 1309 feet in the east to 6121 feet at Goat Mountain in the west. Total acreage within the Little Stony Creek Watershed is 26,000 acres, 1840 of which is privately owned, the remainder being Forest Service Property. Drainage from the Upper Little Stony Creek watershed enters East Park Reservoir and ultimately the Sacramento River via Stony Creek. (see maps 1 and 2)

d. EXPECTED BENEFITS:

- Improvement of water quality for all beneficial uses, through the reduction of sediment pollution
- Reduced threat of catastrophic wildfire and its destruction to watershed health
- Protect and enhance migratory bird habitat, including but not limited to: Mallard, Wood Duck, Hooded and Common Merganser, Common Night Hawk, Hummingbirds, and Band-Tailed Pigeon
- Restore channel stability and reduce degradation of instream habitat & loss of lotic conditions
- Protect and enhance native fish population within Little Stony Creek
- Protect and enhanced habitat for threatened and endangered species including, Tricolored Blackbird, Northern Spotted Owl and Peregrine Falcon
- "Hands on" resource conservation education for our watershed stewards of tomorrow.

e. BACKGROUND AND ECOLOGICAL/BIOLOGICAL/TECHNICAL JUSTIFICATION:

Huge rocks were displaced into Upper Little Stony Creek during the reconstruction of Goat Mountain Road. These rocks along with imported non-native material impede the water flow within the creek causing severe erosion and sedimentation. In addition there is a significant threat of catastrophic wildfire within the Upper Little Stony Creek Watershed do to lack of control burning and understory fuel buildup. The native fish population is severely threatened along with the migratory bird habitat.

f. MONITORING AND EVALUATION

The monitoring program will compare quantity and/or quality of soil and water that is entering the site, to soil and water leaving the site, with the objective of improving water quality via streambank and channel improvements. Baseline samples will be taken upstream and downstream from the stabilization work. The monitoring parameters to be studied are soil erosion, sedimentation, infiltration and runoff. Monitoring will continue through-out the project time frame. Evaluations of water samples will be completed at a certified lab.

The Maxwell Unified School District students will assist in monitoring water quality within the ULSC as specified in the "Adopt-A-Watershed" curriculum. Baseline samples will be taken upstream and downstream from the stabilization work. Monitoring will continue through-out the project time frame.

g. IMPLEMENTABILITY

The Colusa County RCD currently has MOU's with the USDA, and the NRCS Colusa Field Office. The NRCS mission includes watershed based assistance, and ecosystem based assistance. The conservation practices being proposed meet the goals of watershed based assistance. The ULSC Watershed Stewardship Project falls within the criteria of the existing ULSC Coordinated Resource Management Plan developed to maintain, protect and improve resources within the watershed while encouraging a cooperative between multiple agencies and private landowners.(see attachment A) In addition to the CRMP Cooperators, the CRCD has support for this project from Colusa County Public Works and the Maxwell Unified School District.

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V. COSTS AND SCHEDULE TO IMPLEMENT PROPOSED PROJECT

a. BUDGET COSTS:

Project Phase and Task	Labor Hours	Salary & Benefits	Overhead Labor	Service Contracts	Material & Acquisition	Misc. and other costs	Total Costs
Task 1: Project Management & Administration	188	\$4,900					\$4,900
Task 2: Stream Bank Stabilization	394	\$10,250	\$30,000	\$70,000	\$70,000		\$180,250
Task 3: Fuel Hazard Reduction	374	\$9,750		\$163,000	\$163,000		\$335,750
Task 4: Conservation Education	572	\$14,900			\$6,000	\$3,000	\$23,900
Task 5: Water Quality Monitoring	777	\$20,200		\$10,000	\$3,000		\$33,200
Totals:		\$60,000	\$30,000	\$243,000	\$242,000	\$3,000	\$578,000
Total CALFED Contribution:		\$40,000	\$30,000	\$146,500	\$145,500	\$3,000	\$365,000

Expenditure Summarized by Line Item Budget Category

Task/Activity	Total Cost	CALFED Contribution	Description
Personnel	\$60,000	\$40,000	Project Administration, Part-time District Technician
Streambank Stabilization			
a. Construction	\$140,000	\$110,000	Channel Enhancement, bank protection
b. Professional Services	\$30,000	\$30,000	Consultation and Engineering
Fuel Hazard Reduction	\$326,000	\$163,000	Control burning
Education			
a. Property Acquisition	\$6,000	\$6,000	Trout rearing aquarium/chiller, Adopt-A-Watershed material
b. Operation Expenses	\$3,000	\$3,000	Copies, telephone, office supplies, mailings, travel
Monitoring	\$13,000	\$13,000	Supplies, Lab Fees
TOTAL	\$578,000	\$365,000	

**COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
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b. SCHEDULE MILESTONES:

Project Task/Activity	Start Date	Completion Date
Task 1: Project Administration	November 1998	October 2001
Task 2: Stream Bank Stabilization	April 1998	October 2001
Task 3: Fuel Hazard Reduction	April 1999	October 2001
Task 4: Conservation Education	January 1999	October 2001
Task 5: Water Quality Monitoring	November 1998	October 2001

c. THIRD PARTY IMPACTS:

Third party impact would include; improved quality and quantity of the domestic water source for Century Ranch Subdivision, streambank improvements would increase the stability of portions of Goat Mountain Road adjacent to the creek allowing year-round road access for recreational activities within the Mendocino National Forest and sparing natural resources from being disturbed during road repairs due to high water damage. Recreational fishing would improve within Upper Little Stony Creek.

VI. APPLICANT QUALIFICATIONS

The Colusa County Resource Conservation District consists of 7 volunteer directors, 1 part-time District Technician (proposed) and 1 part-time Office Manager. In addition to the RCD providing a part-time District Technician, NRCS will provide the RCD with a Project Manager, Ag Engineer and other staff as needed. The Colusa Public Works Department will provide a Civil Engineer to assist with the survey and design of the streambank stabilization project.

The CRCD shall be responsible for providing all technical and administrative services as needed for project completion including but not limited to: staff resources for monitoring, supervising, and reviewing all work performed; coordination of budgeting, scheduling, and subcontract administration. The Project Manager will develop a Plan of Operations each year, scheduling tasks to be completed, projected completion dates and who will be responsible for each task.

The project manager will be responsible for evaluating and managing the project performance. The project manager will attend the CRCD meetings on a regular basis. At the meetings the manager will present a written progress report. The following illustrates the responsibilities of individuals or groups involved with the project:

**COLUSA COUNTY RESOURCE CONSERVATION DISTRICT
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Project Responsibility:

Individual/Group:

- | | |
|--|--|
| 1. Act as CRCD representative for technical conduct/administration of the project on behalf of CRCD. | Project Manager/District Technician |
| 2. Submit quarterly reports to the CRCD | Project Manager |
| 3. Develop and maintain financial records for project. | CRCD |
| 4. Develop monitoring protocol outlining sampling methods, materials, and schedule. | Project Manager |
| 5. Survey and design plans for streambank stabilization project. | Public Works, Project Manager, District Technician |
| 6. Implement Practices | NRCS, Public Works, Mendocino National Forest, |
| 7. Certify Completion of Installed Practices | Area Engineer
Project Manager |

Biosketches on Responsible Individuals:

Position: Project Manager
Individual: Jim Snyder
Education: A.S. Degree 1980 Owens College, Agricultural Business Management
Employer: Natural Resources Conservation Service
Experience: Project Manager for Sand and Salt Creek Watershed Project since January 1998
Soil Conservationist with Natural Resources Conservation Service since January 1998
Prior duties as Civil Engineering and Soil Conservation Technician since December 1983

Position: Project Planner
Individual: Roney Gutierrez
Education: North Carolina State University, MS Soil Science
Employer: Natural Resources Conservation Service
Experience: District Conservationist in Colusa County since August 1997

Position: Associate Civil Engineer
Individual: Jon Wrynski
Education: California State University - Chico, BS Civil Engineer
Employer: Colusa County Public Works Department
Experience: Civil Engineer with Yolo and Colusa County Public Works Departments since June 1985

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Cooperating Agencies:

Agency Name: Colusa County Resource Conservation District
Role/Contribution to Project: Project Management
Contact Person: Gary Evans-Director, Patti Turner-Office Manager
Phone: W(530)458-2931 ext. 3

Agency Name: USDA Natural Resources Conservation Service
Role/Contribution to Project: Provide technical assistance and/or training to project manager and/or planner on developing resource management system plans.
Formal Agreement: MOU entered upon August 2, 1990.
Contact Person: Jim Snyder/Roney Gutierrez
Phone: (530)458-2931 ext. 3

Agency Name: Colusa County Dept. of Public Works
Role/Contribution to Project: Provide stream bank stabilization practices
Contact Person: John Joyce
Phone: (530)458-0466

Agency Name: Upper Little Stony Inholders Alliance
Role/Contribution to Project: Support of private landowners within the watershed
Contact Person: Phyllis Lindley
Phone: (530)458-5449

Agency Name: Mendocino National Forest
Role/Contribution to Project: Fuel Reduction Plans and Practices
Contact Person: Janet Flannigan
Phone: (530)934-3316

Agency Name: California Department of Fish and Game
Role/Contribution to Project: Implementation of the "Salmon and Trout Go To School" Project
Contact Person: Paul Hofmann/ Carl Hannal
Phone: (530)225-2309

Agency Name: Maxwell Unified School District
Role/Contribution to Project: Coordinate Students to participate in the National "Adopt- a-Watershed" project and the CA Fish and Game's "Salmon and Trout Go To School" program.
Contact Person: Bill Barrett
Phone: (530)438-2401

VII. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

The terms and conditions applicable to this proposal are agreeable to and able to be complied with by the Colusa County Resource Conservation District. (See Attachment).



JOHN JOYCE, DIRECTOR

COUNTY OF COLUSA

DEPARTMENT OF PUBLIC WORKS

ROAD COMMISSIONER-SURVEYOR-ENGINEER

1215 MARKET ST., COLUSA, CALIFORNIA 95932
TELEPHONE (530)458-0466 FAX (530) 458-2035

June 23, 1998

Mr. Roney Gutierrez
Colusa County NRCS
100 Sunrise Blvd., Suite B
Colusa, CA 95932

Re: Little Stony Creek Watershed Improvements

Dear Mr. Guitierrez:

The Colusa County Department of Public Works is very supportive of proposed improvements for the Little Stony Creek watershed along Goat Mountain Road. By enlarging various roadway cross-culverts and protecting key areas of streambank, future erosion will be reduced and the sediment load deposited in the creek during heavy flows will also be reduced. This will have a positive impact on water quality and will reduce future County maintenance costs.

We recognize that due to the nature and location of the roadway, it will always be vulnerable to erosive damage during severe rainstorms, but we believe that the proposed improvements will reduce the magnitude of damages when they occur.

The County Road Department proposes to participate in these improvements by providing the labor force to operate the equipment needed to perform the channel and bank improvements. We will also perform the project development work including necessary engineering if the project is approved.

Sincerely,

A handwritten signature of John Joyce in cursive script, written over a horizontal line.
John Joyce
Director of Public Works

/jsw

BOARD OF TRUSTEES

Mary C. Wells
Beth J. Perry
Cande Hamilton
Nancy Parriott
Carmen Mosen

MAXWELL UNIFIED SCHOOL DISTRICT

515 W. Oak Street • P.O. Box 788
Maxwell, California 95955

DISTRICT/HIGH SCHOOL
(530) 438-2291
Fax (530) 438-2693

ELEMENTARY SCHOOL
(530) 438-2401
Fax (530) 438-2460

July, 2 1998

Mr. Roney Gutierrez
Natural Resource Conservation Service
Colusa, CA 95932

Dear Mr. Gutierrez:

This letter is in support of the Cal Fed application for the Little Stony Creek Watershed Improvement plan developed by the NRCS. We at our school have longed for an opportunity to create an "outdoor classroom" within our school district. Having taught science at Maxwell for the past 19 years, I'm well aware of what a great opportunity this project would be for the students at our school to get some real "hands on" science and environmental learning.

The most exciting part of the proposal for us, is having the chance to work with the Department of Fish and Game in a trout rearing program that will allow us to raise native trout here at school for future release in to Little Stony Creek. We also plan to incorporate teaching materials developed by the Adapt A Watershed program to allow students to do field work and monitoring at the watershed, as well as studying classroom watershed units back at school. The curriculum is designed for all grades, K-12.

From an educational standpoint, this is a tremendous chance for the children at our school to go beyond "book" learning and take part in real life science in their own back yard.

I look forward to working with your department on this project designed to improve the Little Stony Watershed.

Sincerely,



Bill Barrett
J r High Science Teacher

JERRY L. HART
Superintendent/High School Principal

DENIS A. BOSSETTI
Elementary Principal

LORRI A. PRIDE
Business Manager

DONNA HOFFART
Guidance Counselor



United States
Department of
Agriculture

Forest
Service

Mendocino N.F.
Stonyford R.D.

P.O. Box 160
Stonyford, CA 95979
(530) 963-3128
(TTY) 530- 963-3508

File Code: 1500

Date: July 1, 1998

Mr. Roney Gutierrez

Natural Resource Conservation Service

Colusa, California 95988

To whom it may concern:

I would like to express my support for the Cal Fed application for the Little Stony Watershed Improvement proposal being coordinated by the Natural Resource Conservation Service. The Little Stony Creek Watershed supplies water for publics living within the Stonyford area, over thirty private residences located at the headwaters of Little Stony Creek, and numerous recreationists that utilize the Mendocino National Forest. On a broad scale, this watershed supplies water to the Orland water users within the town of Orland and surrounding communities, and to the Glenn/Colusa Irrigation District.

I understand that improvements will be made to the County road which runs adjacent to Little Stony Creek which is a primary source of water in this watershed. Due to limited funding, this road continues to slough off into Little Stony Creek causing serious problems to the health of the stream. Over the past two years, we have worked collaboratively with the Little Stony Homeowners, the NRCS, and several other agencies to improve the health of this watershed. As you are aware, one of the key projects proposed includes prescribed burning in areas previously prevented from burning. This prevention has resulted in high levels of fuels that may result in large, damaging wildfires. By burning these large accumulations through a controlled, planned ignition, large, damaging wildfires may be prevented.

These proposals along with replacing native trout in the Little Stony Creek will greatly enhance the water quality and ecological integrity of the stream for both local and downstream users.

I look forward to participating with you in accomplishing this watershed improvement proposal for the Little Stony Creek Watershed.

Sincerely,

Jim Giachino
District Ranger



Caring for the Land and Serving People

Printed on Recycled Paper



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I-011807

UPPER LITTLE STONY CREEK WATERSHED

LOCATION MAP

Colusa, Glenn and Lake
Counties, California

LEGEND

- Towns .
- Roads —
- Main Creeks —
- Tributaries —
- Watershed Boundary —
- Public Lands
 - FOREST SERVICE □
 - BUREAU OF LAND MANAGEMENT ■
 - BUREAU OF RECLAMATION ▨
 - STATE OF CALIFORNIA ▩

LOCATION



0 1 2 3 4 5
Miles

SOURCE: Bureau Of Land Management Surface Management Status Map - Lockport and Millers CA 1975

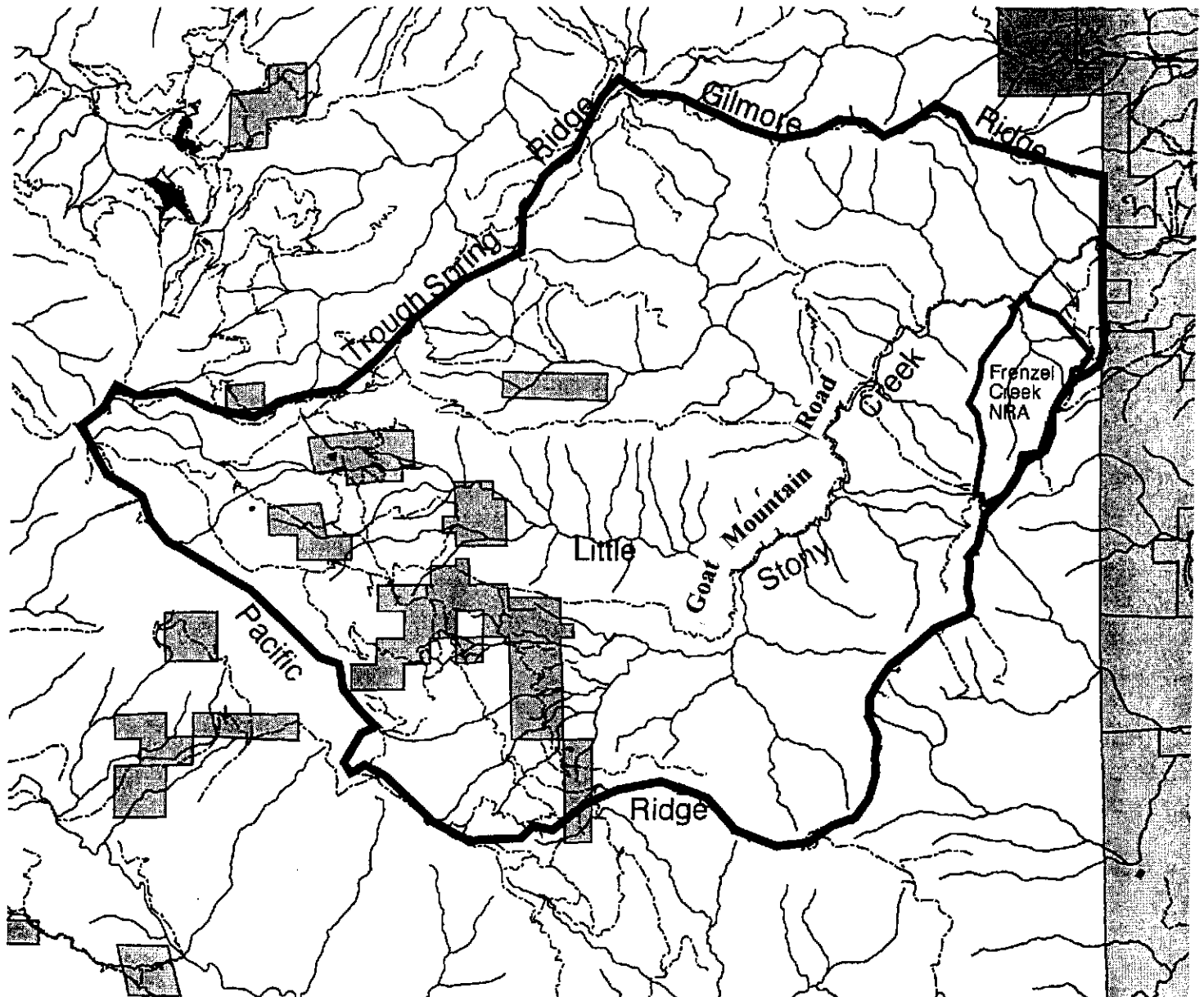
Some Public Lands Not Shown








SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

MAP 1

Upper Little Stony Watershed Area



-  Streams
-  Lakes
-  Transportation
-  Private Land
-  Forest Service

1 0 1 Miles



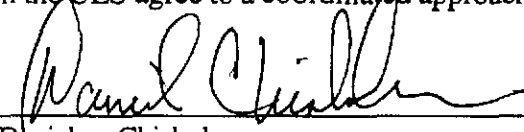

MAP 2

Upper Little Stony Creek Watershed Stewardship Project


ATTACHMENT A

Agencies and landowners with responsibility or authority in the ULS agree to a coordinated approach to resource management.

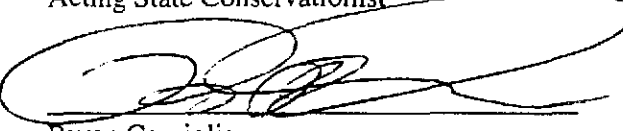
Mendocino National Forest
825 N. Humboldt Avenue
Willows, CA 95988


Daniel Chisholm
Forest Supervisor

Natural Resource Conservation Service
100 Sunrise Blvd. Suite B
Colusa, CA 95932


Henry C. Wyman
Acting State Conservationist

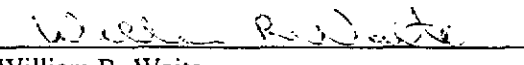
California Department of Forestry and Fire Protection
1199 Big Tree Road
St. Helena, CA 94574


Byron Carniglia
Sonoma-Lake-Napa Unit Chief

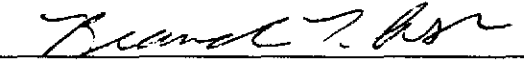
California Department of Fish and Game
1701 Nimbus Road
Rancho Cordova, CA 95670


Paul Hofmann
Associate Wildlife Biologist, Glenn-Colusa Unit

Colusa County Board of Supervisors
546 Jay Street
Colusa, CA 95932


William R. Waite
Chairman


Colusa County Resource Conservation District
100 Sunrise Blvd. Suite B
Colusa, CA 95932


Brandon Ash

Colusa County Air Pollution Control District
100 Sunrise Blvd. Suite F
Colusa, CA 95932


Harry A. Krug
Director of Air Quality Standards

Upper Little Stony Inholders Alliance
P.O. Box 130
Stonyford, CA 95979


Phyllis Lindley

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used or use this form for certification and sign. (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

CHECK ☒ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions

CHECK ☒ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

DI-2010
June 1996
(This form replaces DI-1963, DI-1964,
DI-1966, DI-1968 and DI-1963)

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL.

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

100 Sunrise Blvd., Suite B

Colusa, CA 95932

Check ☐ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL.

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

DI-2010
June 1995
(This form replaces DI-1953, DI-1954,
DI-1955, DI-1956 and DI-1957)

Figure 1
Standard Form 424

OMB Approval No. 0348-0043

**APPLICATION FOR
FEDERAL ASSISTANCE**

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED July 2, 1998	Applicant Identifier N/A
		3. DATE RECEIVED BY STATE N/A	State Application Identifier N/A
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION			
Legal Name: Colusa County Reaource Conservation		Organizational Unit: Dist.	
Address (give city, county, state, and zip code): 100 Sunrise Blvd., Suite B Colusa, CA 95932		Name and telephone number of person to be contacted on matters involving this application (give area code): Jim Snyder (530)458-2931 ext. 3	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> 94 - 6000508 </div>		7. TYPE OF APPLICANT: (enter appropriate letter in box) N	
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other (specify): _____		A. State H. Independent School Dist. B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify) <u>Colusa RCD</u>	
		9. NAME OF FEDERAL AGENCY:	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> - </div>		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Upper Little Stony Creek Watershed Stewardship Project	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Colusa County			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICTS OF: Vic Fazio 3RD District	
Start Date 11/98	Ending Date 10/2001	a. Applicant Colusa Co. Resource Conservation	
		b. Project Upper Little Stony Creek Watershed Stewardship	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 365,000.00	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON:	
b. Applicant	\$ 00	DATE _____	
c. State	\$ 00	b. NO <input type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372	
d. Local	\$ 00	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
e. Other	\$ 00		
f. Program Income	\$ 00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
g. TOTAL	\$ 00	<input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Type Name of Authorized Representative Brandon Ash		b. Title Colusa Co. RCD/President	c. Telephone Number (530)458-2931 ext. 3
d. Signature of Authorized Representative <i>X Brandon Ash</i>		e. Date Signed July 2, 1998	

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Standard Form 424 (REV. 4-82)
Prescribed by OMB Circular A-102

**PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements**

**CHECK IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.**

**CHECK IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.**

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Brandon Ash

TYPED NAME AND TITLE Brandon Ash-President
 Colusa County RCD

DATE July 2, 1998

DI-2010
June 1998
(This form replaces DI-1963, DI-1964,
DI-1966, DI-1968 and DI-1983)